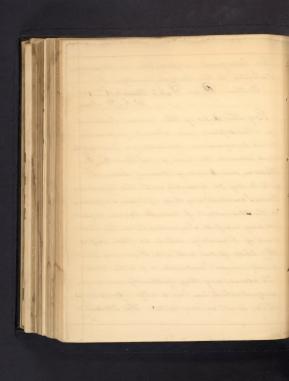
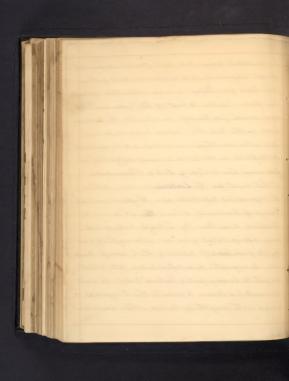
An inaugural vifestation in Dyentoz, Submited to the medial Faculty, by Wather Byo. Popo March 12th 1844 W. E. H. Jean

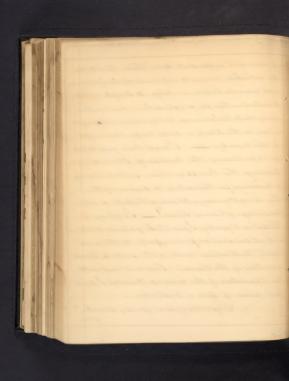
Dry The Rules of The mexical Institution of Philadelphia; each Students, preparators to his becoming a Candidate for Graduations must active to, the Dean of the Faculty, as Thesis on some Branch of Medical Science. It falls to my sot to comply with this Regulation Could I contribute any thing of Much Importance to the alrancement of medical Science, or point out any resepule Improvement in the Treatment of Dyscutery, which so often baffles the Skill of our most alle Physicians, how gladly would contribute my little mite. To advance any thing materially new on a Subject which has been so ably discussed by others, is not an easy deather. The Student is



are imitative Being), and is too often ties aown, with almost religious Siruples, to this heaten bath of those who have gone before him, and rather than makes one feeble Exertion to cast off the Note, and think and reason for kinself, he will, like the Muhania, work by the Rule that has been laid down for him, and when something new or Mare is to be done, not contemptated in the Rule, he must confifs that he has never seen or hird of such a Phenomenoro. What must bee the Sensations of a man, Noth as it regards his reputation as a Physician, or his Julings of Humanity, when called to see a fellow Creature, laid low by Suprest, looking up and asking relief from us, who ought to give it, to find himself distitute of that prompt Dais ion so requisite, and before he can tell what ought to be done for his Patients helief, he must ransack his Brain to find if The Diagnosis agrees with any thing he has either suni read

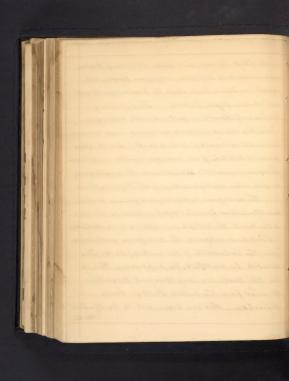


of, and if it happens not top to There, he willow too foolishly proud to acknowledge his Synorance, but gives his Patient Something so simple as not To dulare either for or against him, and by that means clocks his Synorance, while Nature wither offets a Curo, in the Patient, or sinks under the Wight of The malady. - I may have gone too face in Reprehending the Practice of Students in Collowing the Precepts of others, without Thinking or treasoning for Themselves, to discover whether They be right or wrong, but such is The fact, to The Disadrantago of Muanal Science. - In offering a Misis on Orgentery, I full the Importance of the Subject and shall confine my self to the impo stant Facts which relate to the Nature, Cause and Cure of the Disease. Should it must with The approbation of the medical Faculty, I shall feel proud of Such a Distinction. Dysentery is a Genus of Disease,



of the Class Expression, and order the floring of Bullon, and according to his Definition, Contagious Exacion, with pagent mained and bloody streets the Franching with much part with the interior of keelins is objectionable in part with allass to lestageon. "That this coisemed is alloways contagious, must be denied, from carried with the almost bodomied of he do except when the almost phose is new treatment to the de except when the almost phose is new treatment to be seen to receive the transfer of the description of the appetite to, and when contagious it is of the tryphring Chame two; the contagious matter being a genuine beaution and Climination from the reflect of the thin, that this is the love the trypethics are appeared to be established.

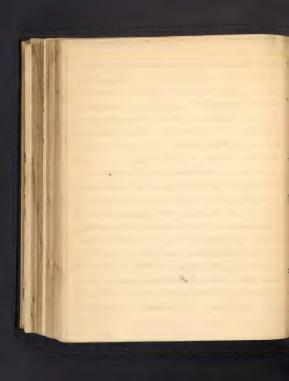
Simo have supposed the contagious meller and from the Cahalotion of the pethia Stools. This seems to be don't full; for supposing, this to be the case, we might expect Dysentry to arise from the petric Stool of bamp, Diarrhaa, this we know not to be the date.



We then must reper contagious Expentery to a Specific Matter generales by the Vipals of the Show. The ordinary forms of Descentery are not contagious, and are produced by the common Causes of our autumnul Diseases, Such as Marsh Effluria, Sudden Grantions from Heat to bold, damp Almosphus, ofter a Spell of warm wather, contain indigetable Substances eaten; in Jack, any thing that checke Outpiration and determines to the Bowels.

The general Symptoms previous tean immediate allock of Enjentery, evoula lead us to support that the Stomach was primarily affected, and by the internate Sympathy which said between this Organ (the leater of action) and the Shitestines, all the Succeeding Symptoms arise. We have have by petrus in the first Stage Similar to Motor, when there is a Reefline of the Cruption in Measure and Breeze a

Small Porth; Such as Nausea, Head ache, Inquictude Ho. We may trace The Causes of The early Symptoms of Daysenting, to Ruftino of the Blood, from the extreme Viples to The most deep Scaled, Parts, Causing Thereby too great an Influx of Bloom, to the stomash, Intestinion; and from this Influer, Suflamation and all its Consequences. I am led to adopt This Theory, knowing, as I as, that so som as a heal-They action is established in the extreme, Defects, The Disease ceases. It is stated as a Fret, that the Disease roll run its Course in Defrance of its medicine; but it arises from this Circumstance, that when one The Vegels of The Skin hard taken on an unhealthy actions if not reestablished, early, they become so implicated asto baffle all allemps to deestab -lish their natural Functions speedily, This Sisease has been said by Some to admit of no cure, but will runit bourse, if not taken



in the early stage; this is nearly true; but that Two more riolent or ynplows can be relieved, and that we a list Nature is the Bustable shments of her healthy Huntions, must not be doubled; Os status meriously, roung to The Engargement of the internal Parts, and partualarly the Ditestines, They secome inflamed and webrenely Sensible, and The natural Faces, to which They before were nearly insenselle, now become in extraneous varitant; and such is the . xin me vensibility of The Coloro (The Filestino 1. how which the Diseased munipally expends Titell) that there is a continual Effort to expelle The & mailest Portion of wither Hours, muous, on vile; they all acting highly issitant, in this itate of the Intestinal Coat. INSOutery is a Disease belonging to the Country muchally, and prevails in mountainous Parts most. . have seen our bilious suflamatory



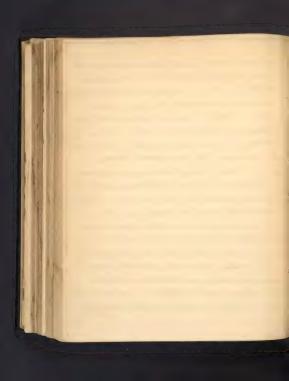
Herers raging on the rollows adjoining our Rivers and the Druenting mevailing on The Hills. This is awing to the Coolness of the Kighte on The Hells, thereby cheeking. The healthy outlet from The skin. It aiss frequently occurs about The Same Jime with allem nat witermitted Threes and with this is often complicated. The Viscase is much more prequest in warmen , "Cimates, than in bold ones; and in Ho months of august, deplomber and October, in The West Indies they have heavy trains, which Render The Negroes of Those Colonies very subj est to it. The Body having been rendered, initable by the extrem Heat of the Sum - Muss, and being exposed suddenly to much moisture, The island is thereby Thrown from To Capillary Ne pels upon the interior so as to give riso to Drysentery. Symptoms. an attack of Drzeutery is



often preceded by loss of appetite, Costinenes, Hateling, Sickness of the Stornach with slight romitings, and commonly with Chills succeed by Heat in the Skin and begung of Pulse. Huss Symptoms and the Foreruners of Sniping and increased evacuations which soon after occur. When the Inflamation begins to occupy the Colow, the Discharges become more frequent and lefs abundant, and in passing through the inflamed Sitestine cause great Pain, and every Evacuation is presented by Griping and a numbling Noise. The motions vary both in hardufs and Colour, being Sometimes frothing mucous straked with Bloods, at others, of an airid watery Naturo like the wastings if Meat, of a very petid Smell. Sometimes pure Blook is roided, and again Coagulaters mucous resembling small Pieus of Cheese; Sometimes the Evacuations are pure mucous without any Blook



une islood, resembling that disease which is known by the Names of Dysenteria alban, on morbus muosus. Tometimes natural Flaces appear in The Discharges in The Form of hard Balls, called Scybala, which palsed, the Patient in reviewes temporary, helief-from Gripeing and Tenes mus. There is sometimes as Protrasion of the auce from Strainings, which aggrandes The Yoursmus. The Pains in rislant Genesmus are Said by Women to assemble the hearing, coron Paines of Parturition. More on less Properio usually allenas with the Symptoms which have been described, Through - hour all The Disease. Of sometimes wears the interm Alinh Form and oflumes The Tertian Try po, and at others the continues, Sometimes the Tryphus; it is said also the atternal with Caturk and Rheumatism. 1. 1 Tan dis, unfavourable when the symptoms Nun high, producing great Broshelion of Shongits; dua accompania with a fetice and unvoluntary Disc harge of Mach grownous Matter; the Disease often more state



moves satal in a jura auss. But return their accomormon moderate, it is often protected so accountended length of Simo, and is one off at late with a gentle Parspine tion different over the whole Books. The Same, Largement and Ment then commented a set notions of Sistens with internal cody, the internal cody, in Intellect, (but more particularly the Color and Networks, (but more particularly the Color and Networks, (but more particularly the Color and Networks, (but more particularly the Color and Subscription, Indianalism, the Bosiconnum also semilimes consiste the parameter of Supplementation.

Enperiter can only be confounded with Disarrise, ene from the near alliance of a mile Caser of Enventer to a server one of Detroba, there is some Different of distinguishing Them. Notologial Miles, eisting is to be switning that it is contagined, by Them being Forev and Inflormation, by Blood Stools, and The Your must Inflormation, by Blood Stools, and The Your must being much greater than in Disarries.



But all these singroste begins will fail the Buillion or sometimes, and wherein the mighty Difference Sirall their fail. If there were hard, Strong, full and arten Lules, we would not Think of riking whether it was Edymilay or Diarrhay but relieve theoresque Semplone that present Themselves, and let the Manne & The Cities take Case of itself.

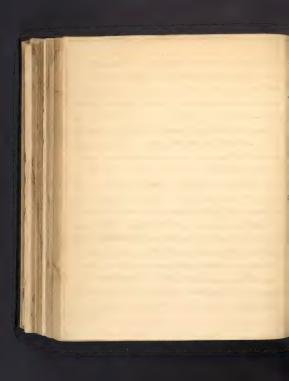
Anesthered. On outering on the Sixtures of in Action of feel a good Real of Embarroghout in presenting a Brode of Cheatment, rather aiffeant from that recommended by high Buthonty best which, from practical Experience in my France, will justify any new frances in Moniformity of Broating any heavy suggest. Once I have now her a property of the maintainers of the present of the maintainers of the maintainers of the maintainers of the maintainers of the maintainers. Some way altogether on Pargalaris for the Curo, some Copious Bloodlating, there Diaphoretus R; either of these



to These Remedies must prove inefficient to The accomplish - ment of a Cure Separately; but The Partisans of each have been led away from Reason, by bigotted Shep ! Ticism, and have dended all Remedies inest but Those which, from some lew surfful "hials have . Sucuded in their Hands. That This is too much The Case cannot be denied. To present a Practice altogether clear of Blame is not an ease matter, but from The practical Emperious in The one which Sam about to actail, I feel some Degree of Confidence. Called to a Patient Catouring under The first Som atoms of Defenting, Such as Wanter, Slight Nomiting and Chills, we would not histate for a' moment what was the protepu it invereg, but with Confidence moude to relieve The rengent by reptor and that present themselves. And to as this most . Spectually we would prescribe an Emetic of Tartas, Chasing his how The wide persading Influence of its : peration, bearing up and throwing down sil



were the morbid apolations which are in Embres, and only want a little Time to establish a strong foothold. After the Operation of the Emilie its marghe nucleary to preseribe some mila Disephoretic with a Georgation such as two grains of Spuar, and one of Calomel. By reducings this Course we almost inverigbly, if Called in "ine; arrest the parther Progress of The Direase But Such is the Case, that we are not often called to the 'atient untill The Bizeaches established itself. The island reples naving taken on a Discoved Oction, which recuires the most prompt and viguous we of the land, con frened with other debletony measures to Lubdas it. as Stated previously on the Pathology of This Disease, that from whatever Cause The healthy action in The Capillary to fell has been thecked, and an influe I Blood naturally to the deep seated Parts, must is on the Engagement of These De pels produce a Degree of Inflamation. Now if the Engorgement of the internal Parts is not relieved by inviting back the healthy



The real they section, or heating, down the morbid a fourtions just forming in the rept to of the Skins by the means already pointed out a ini, which I Which the most effectual. The Vepels of the Surpau go on to increas in Then diseased action, which must Her parily produce a Derangement of the More das sealed arts and keep cep an inflamation, which if not remested timely must in the End cither prover futal or hange the Patient in the Extream. From what has been said it must appear, that if Pulies is not obtained in The meihiers attaco in The means abready pointed out that the most offectual Remede to put a stop to the hasth we horsel of the Discuss, is Blood Letting. This is to be Westwa with no timed Have, to long as we have Vigous of Constitution, (therays hearing in mind the Difference when & pidemeal, or where there is a Despotition to the Capphoid State) from 18 1020. Ory at a Time should be taken, and that from a large Orifice. Polord Letting is desided the most effectual



Means of Stoping the harages of the Disease and of subdung chiplantettor of the intestines, untile the lugues the I him was established in their natural functions. It will be me pary, if there is any gastrio Westry The Polood Letting, to catabil an timele of Fastan, which lucered the Stomach of its morbid Contents and mentes to The Skin .. Is one of the mensoy Depleton, purgine has been highly cololled, and we was told by some to continue it cutill the Haces Lecome natural. This is very much the Fractional The present Lay, and some rely out for a case; from what Then of pears to be a garourite Remedy, I must heg Leave to riffer. 24 a ppears to me, Sofar (Plugations more Lee given as to evacuate one peculant malter which the Boweld man contain, (in reting as (Britans) but to a queter Extent Smust derry . Where

can her The new fity of have fling the Palent with Buyations to exhell that which is not their it he know that the Allone - not taken in Juya Palent, Sabouring under Dysenleys is so the

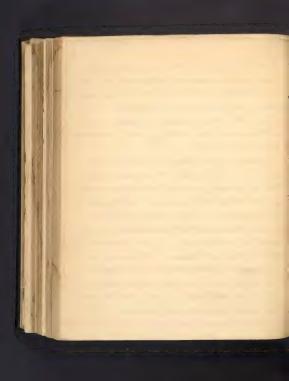


is in the voterno triffling; but still we give Purgetines as the say to remove the fealerst matter which is accumulating , either from the Offall of the Ulmers received by the mouth, on the little macous which is poured next by the Mouths of the lubicating, Duts. now I would ask which must prove most injuri out, the continual Excitement of the peristallie motion by Puryatives to got natural Haces which cannot be there, or the slight Aritation arising from any natural accumulation? Certainly I would Say the Pritation produced by the latter Cause is comparatively small to that if the former. . We know that from the inflamed state of the Inter times they must be extremely Lensible, and independent of the Chritation of Pergeteres themselves, they are The the Cause of another Initant (the Paile) which by the great periotallic motion is made a close into the Inlestines, and finding nothing to all report, must of course act report the Conflameso Surparoof the Ontestines



Motothies. It is said with South, that the sent of somewhat is principally in the Coloro and Restano, May have the of ace from their delebility and requestion said stills previous to their coming to the Color, and when arrived there, they are excellently initiating, which is the cause of these Cartificing, making them the other Interlines.

in and given my Received for objecting to the include the personal the only good demonation the matter matter they may contain, and thoughout the Sieuce ruly to keep the Bounds Whether has been med Beaties with the Opportunities of humbhod, and Cam parties with the Opportunities of humbhod, and Cam parties with the Opportunities of humbhod, and Cam parties with the Opportunities of humbhod, and Cham parties the Cost that I provide to be period to see the Cost of the Comment of the Campaign to the Cost of the Start, among which is a Combination of Jenes, the Start, among which is a Combination of Jenes, the Start, among which is a Combination of Jenes,

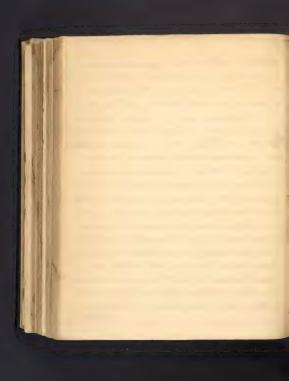


John and Fairnel. Is considered as to act as a mile a specieud, and at the same Hone diaphoulie. The Proportions are as policies, I frecae 3. Calmie 2. John Je Grain. given crow than or fourthours. The Effect of that Medicine is a struighing in it of fraction. I have seen it Calm the against of the Partier from Concern well, and Gripping like a Charmo. I mores the Proceeds slightly without that extreme family the Regatives give; but it principal action is column I section is column I section is column I be considered with Circulation on the Section, which of course must take before him the deep seater Fast and Thereby to princip. The Inflamition of the Interest of the Interest the Inflamition of the Interest of the Interest.

Yearly limites in its Effects is an Oppusint imposed of ottowns of Sulphur and Chancal, or we are the sport will, to be give, in a letter Honey or Sugar, Morning, Moon and Might. alm What Man men the Chancal ast, Samuet a logs o vay cestamis; but that it will corned the Start



Stools, and that its action goes farther Leems to he Hond a doubt, for the Sulphen gives alone, wie not produce that happy Effect of the Combination; It and not modern that Mitation of the Bowels which we might Suppose, from its inflamatory nature, but surears to act Some . Way asa Secrative, Calming the Sistrefies of the Patient. It is to be bonain mino the Hat the Should not think of depending on This Plan If Theatment, that is by mila appoint, so long as There was artiside Excitement, but when that is subduct; Then Medicines which art upon the Skins as well as Milas a previent; are the most proper ion e ! Letting a Curo. On Evenew May to resorted to Levelicially to remove the Levelent Contents of the Crion; of thise the best is Elacena Yea, Elm water, Barley Mother St. Combined with a illeto opium to leften Pritation. O'might commerceto lifty other Pur g atizes, but believe they will be bound inferior to More which I have mentioned; and denying



extreles The Plan of Theating Dresentery by Purga tires, I Shall go on to mention some of The auxilia vies. The next Class of Remedies of Importance and on which we are is prow great Reliance in The Cure of this Disease, is the Siaphoreties, " nech is him Said on the the Treatment of this Disease by Kaphoretics; Some have relice solely repor them for its Cure; among the number is blan fair a Surgeon of Bengal. To the Different Grap inclus, Factor emitir is approved of by some as being, most sijectudi in Rustablishing a healty action on the s kin. From the Trales hard made with it, Istiwho it not superion, if as good, as I hear, it may he given 1/4 of a Gain with one Grain of Opinso, oney two on three Hours. The most affectual Wing hourse is Speace. His Medicino has here entirely believe on by some for The Cure of Presenter. Playfair is of The Munches, he says he resea it with Effect from a haif to a full inachen, combined with



from that is Leady Weeps of Causanum, confining the Total for some Esses is a him, matter Section; is the first Love is a spiller, the matter who retraded early be standed those or far the Whater March & good, I am surely to saw hat commer it is one application in the first strange of the Towns with Stomach is a sometime of the the Stomach is a sometime of the the Stomach is a sometime of the Stomach is a sometime. I at some your it small the very point party and existing the testiment appreciate action of the some property and the stomach is good and the some sometimes the testiment appreciate action of the some some the stomach is presented.

Medical, is by girms it in Small Wriss Combined with Micerco, in this Proportion of these combined with Present to Make a Grain of Present Such walf a Grain of Prince whom the previous Peters with the Confidence was in this transform that a two attended the previous Petersal Relangs of rely out a burst enterly for the Accomplishment of a Const. Withing Salms the Continuous as with sing, in this Brease as the Practice. It the same terms that it acts on the Polices of the Shine, received belowing



a healthy action. In conjunction with this Medicine given to determine to the Surface we may use external Abolivations, ruchast war south, Lemus himmo, Warm Formentations. Such as Elannels rosing out mutof a Devoition of Jum mus Howed our Porpy Hads and applied warm to the absoner, is invene Perpes and Brandy; Till of which tinds to mit to the Surpaso and relieve the more internale Parts. Kuch is the yourse Frailers in the early itages of Descriting. it there are other Remedies which have hun Recom mended by high authority, and from the Frials of land weeds with one of them (sugar of Lead) c'am disposed to place much Confidence it it, though The Trials made with it were but few itell Lain was the Effect that & are lisaster to speak farounably of it. The action of this " mairing is Mary Paulian, it a ppears to calm i mutations and afew Cenermus. The Dose which it have found to suit het is about two gains combined with one of a piam givers as the ringues of the Symptoms demand . This

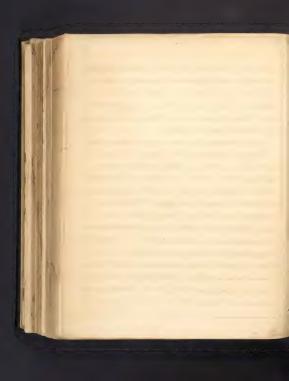


among all other reinedies appearate he best suited to relieve Vormina and Foresmus. another Remedy which I helieve has note got into general Practices, and has certainly some Lun prising Lualities, demands attentions; This is the some book of an ak thee, called the black Lack, which is the Common Hame of the The in Virginia, and is it - Small Lige growing on poward liney Land " Thanner of giving this, is to take a hundfull of the in us bark in Small Pieus and add to it half a Gailon of water, boil it arown untils the Devotion is of the Colon of 1"orts Wine; a some Construle of The is to me taken tino or distances during The way . I that is in more of action of this Mexicono, & any not preparet took veit certainly it is a pulliar mo. It appears to be Quited to this Disease after attende Viction has hem Subdued, by previous Blood letting; in in Mind Cases where there is not much certain illion. chere are many Persons who will attest the Efficacy of This Practice among The Country People; interes buch is Theirs confidence in it, that they believe it to be



a Specific. Marphy Electricaes astonioning: a Exems the Francis on Factorist the Removes have the Removes have failed. The is a common Removes among the Villegray and think imments more alteration, which have the Mich Cover to test its Officery.

A very common Remarks among the lover Class of Bether in Sequeties is a ten mode of the mustank of the Milly and their subject the mustank of the Milly and their subject the introduct activity a Case. The Mill remarks profit the introduct activity a Case of the Milly with advantage, Cannot a Boulded. A subject to sure awaits and and worth Teap happy Cifel, the sure land low onethoon on Maris, horms a form Municipely to which is constroom on Maris, horms a form Municipely to Mills and the Server on Maris, horms a form Municipely to Mills and Server on Maris, horms a form Municipely the Maris and the Maris and Municipely the Mills and Maris and Maris



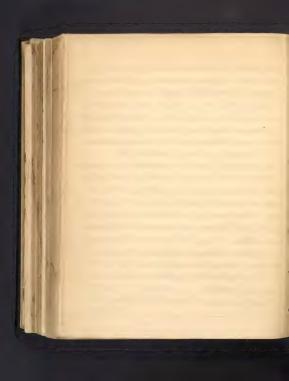
attendant on incention, recides the human before mentioned (.. are cound his . Butter es an Enema, rese good, also a Suppositore it Frium. I nave now completed The Freatment of accute Lycen . in , hat There is a Horns of This Disiase which duman Is attention. It is that where there a chronic Inflamate in of the atistines from long diseased teters. Here Poses is much imasiness of the Bowels attended with fitil Discharged & nurous, griping fam, want of To helite, and the Tood 'akon paper imperfelly degested, Law is Lallow, E. to Lunkow, Counterance meagro. "he stood is hero confined to the large Vetels and borda. This we find is briguently the Case, and often Think The Disease enterely Temorea, when there is a where every now and then of distressing by reptons which hunast the Patient son a Lungth of Jime. To effect a permanent Curo so this Case, sow may recort to mild 'Lood letting, it any Fern he present, say three or sour names often repeated, and at the same time make it am Thick aim to estateest The national



and healthy , action of the extreme Vefell; This is Nett done by mild doses of Spices; and Opium, aided by Friction every Night. For the Same end Blisters and here highly usefull; they are to be applied ore The Abdomen. Among the most introduct remede -el in the latter Stage of Dysouting, is a claume Ordler This has been renommended both in The accute and Chronic Stars of Crysentery, but of think it much beller Swited to The Chronic Chan the aunt Stago. It keens who a continual Excitement on the Surface, and by that means thestablishes the natural Hundions of The Exhabite of Queface. The Manner of applying it, is to take a Roller about their meles froad and was the Body from the Pelis to the dailla. Upon the whole, if after we have tried the Rem exics histopore mentioned and me Still renable to reak nets the morbid apociations and to was tablisher the Functions of the Skin; then our inst effectual Remedy is Calomel in Small and repeated Doles, combined with Opinion; Luch as



two grains of Calonel to one of Phison gires morning, and dright; this is to be pursued as an alterative, now affecting the mouth but Slightly, such as a copposit Fish 4. This "radio is nativelaster Suited to the Southern States, where the biliary apparatas is gound y Kwanged, and has a most happy Effect of breaking down and throwing out the Remans of a Disease which proves very harraffing to the Patient. Is regards The more madig naut Species of Drysouler connected with a Elyphoid State, the mode of Fran The is and Similar in the circh stages to that fithe common form of Doysentery, and when respired our Patient Sinking, we have then to reso Itimil -auts. with Deathorsties to Support the Shenghtof the Patient. Cl from the whole when There is a sink - in State, obstinately defiging our common Mathed of Curo, then if time will admit, try to excite a Sallivation, which if effected will almost inva riably gino Kelief. Diet. Dysenter, being an activo Inflamation of the Elimentary,



alimentary, Canal, Mala Oit Moule he Med, and that of the fluid Bind, as harly Mate, hice Mate, Slipping Elm rooter, Flancesca Can, Lago, Fapires, arous hosts; all of which are resymmetry ing, the Cit becoming, more Stimuland as the Disease is Milder.

I have now completed my Hede marginatery not senumerating, many lateless which have have been vail to prove efficienced in the Sissass; but Poin espally those which have tried and have found to he most effectual in my Houds of I have left out some Middlines which prove highly usuall no these Sissass in the Houds of others, it is not from the Sistass in the Houds of others, it is not from the Sistass in the Houds of others, it is not from the private of Missass in the sequence of Confedence. It is not to he expense that a Thesis from a Student of decision can be within extension, or presenting in itself any them several surface.

Measure before. This is precluded by the limited Sphere of action in which he is placed, whilean Student, and can only giro small practical Imp rovement, or respell Inodifications of former Practice. O' conclude my Thesis, by wishing that it may must the approbation of the learned Parfe fors of the Institution in which it is to be examined.

